

Rotary actuator with emergency control function for ball valves

- Nominal torque 20 Nm
- Nominal voltage AC/DC 24 V
- Control Open-close
- Deenergised closed (NC)


Technical data

| | | |
|----------------------------------------|-----------------------------------------|-----------------------------------------------------------------------|
| Electrical data | Nominal voltage | AC/DC 24 V |
| | Nominal voltage frequency | 50/60 Hz |
| | Nominal voltage range | AC 19.2...28.8 V / DC 21.6...28.8 V |
| | Power consumption in operation | 4.5 W |
| | Power consumption in rest position | 2.5 W |
| | Power consumption for wire sizing | 6.5 VA |
| | Connection supply / control | Cable 1 m, 2 x 0.75 mm ² |
| | Parallel operation | Yes (note the performance data) |
| Functional data | Torque motor | Min. 20 Nm |
| | Torque spring return | Min. 20 Nm |
| | Direction of rotation spring-return | Deenergised NC, valve closed (A - AB = 0%) |
| | Manual override | By means of hand crank and locking switch |
| | Angle of rotation | 90° |
| | Running time motor | 75 s / 90° |
| | Running time emergency setting position | <20 s / 90° |
| | Sound power level motor max. | 45 dB(A) |
| | Position indication | Mechanical |
| | Service life | Min. 60,000 emergency positions |
| | Safety | Protection class IEC/EN |
| Protection class UL | | UL Class 2 Supply |
| Degree of protection IEC/EN | | IP54 |
| Degree of protection NEMA/UL | | NEMA 2, UL Enclosure Type 2 |
| EMC | | CE according to 2004/108/EC |
| Certification IEC/EN | | IEC/EN 60730-1 and IEC/EN 60730-2-14 |
| Certification UL | | cULus according to UL 60730-1A, UL 60730-2-14 and CAN/CSA E60730-1:02 |
| Mode of operation | | Type 1.AA |
| Rated impulse voltage supply / control | | 0.8 kV |
| Control pollution degree | | 3 |
| Ambient temperature | | -30...50°C |
| Non-operating temperature | -40...80°C | |
| Ambient humidity | 95% r.h., non-condensing | |
| Maintenance | Maintenance-free | |
| Weight | Weight approx. | 2.3 kg |

Safety notes


- This device has been designed for use in stationary heating, ventilation and air conditioning systems and is not allowed to be used outside the specified field of application, especially in aircraft or in any other airborne means of transport.
- Only authorised specialists may carry out installation. All applicable legal or institutional installation regulations must be complied during installation.
- The device may only be opened at the manufacturer's site. It does not contain any parts that can be replaced or repaired by the user.
- The cables must not be removed from the device.